

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



1241  
In 32  
p. 2

UNITED STATES DEPARTMENT OF AGRICULTURE  
Motion Picture Service, Office of Information  
Washington, D. C.

# VOLUME V

LIBRARY  
MAR 8 1956



# TV FILM GLIP LIBRARY

NOVEMBER 1955



UNITED STATES DEPARTMENT OF AGRICULTURE  
Motion Picture Service, Office of Information  
Washington, D. C.

TV FILM CLIP LIBRARY  
Volume V  
November 1955

The Motion Picture Service of the U. S. Department of Agriculture offers a stock scene library service to land-grant colleges and other organizations and individuals interested in using agricultural motion picture footage in the production of films and television programs. Lists of stock scenes available will be published as material is added to the library.

It is suggested that these lists be kept in a ready reference file. The scenes are grouped under the title of the USDA subject for which they were photographed. Further cataloging or cross-indexing will be at the discretion of the user. Scenes should be ordered by scene numbers and descriptions, and in the length indicated. Double-perforated film stock will be furnished by the Motion Picture Service unless otherwise specified.

This volume also lists and describes scenes contained in certain edited film packages. Only black-and-white prints of these film packages, not individual scenes contained therein, are available for purchase at a reduced rate. These packages should be ordered by the production number and title or general description and in the total length indicated. Composite sound prints will be furnished if the package is a sound film. Prints of silent packages will be furnished on double-perforated stock unless otherwise specified.

A check or money order made out to the Office of Information, U. S. Department of Agriculture, must accompany each



order. Formal purchase orders will be accepted from Federal and State Government agencies. Orders should be submitted in duplicate and will usually be processed within a maximum of 10 working days.

The following price schedule will be in effect until further notice. These prices are based on costs of printing, processing, packaging, and mailing:

Scenes:

16mm black-and-white prints .....	\$ 0.10 per ft.
16mm black-and-white duplicating negative .....	0.25 per ft.
16mm color prints (made from original) .....	0.25 per ft.

Film packages (sound or silent):

16mm black-and-white prints .....	\$ 0.05 per ft.
MINIMUM ORDER .....	\$ 5.00

If you have not already received Volumes I, II, III and IV of the TV Film Clip Library, copies may be obtained by writing to the Motion Picture Service, U. S. Department of Agriculture, Washington 25, D. C.

Abbreviation Code

CU - Close-up	DV - Distant view
MCU - Medium close-up	DAV - Distant air view
ECU - Extra close-up	AV - Air view
MS - Medium shot	LS - Long shot
MLS - Medium long shot	ELS - Extra long shot
FG - Foreground	BG - Background

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A672	CU	GRASSHOPPER - Single grasshopper eating Chinese elm leaf - side view	4
A673	CU	GRASSHOPPER - Single grasshopper on wheat stem - side view - no action	2
A674	CU	GRASSHOPPER (M. femur-rubrum) - Red-legged grasshopper on stem of alfalfa - side view - no action	2½
A675	CU	GRASSHOPPER (C. pellucida) - Clear-winged grasshopper on ground by young wheat - no action	3
A676	CU	GRASSHOPPER (C. pellucida) - Clear-winged grasshopper near base of wheat plant - no action	1
A677	CU	GRASSHOPPER - Same as above	2
A678	CU	GRASSHOPPER (C. pellucida) - Clear-winged grasshopper on wheat stem	3
A679	ECU	GRASSHOPPER NYMPH (M. differentialis) - Differential nymph eating on end of stick - head and most of body shown - dark BG	3½
A680	ECU	GRASSHOPPER NYMPH - Similar to Scene A679 - no action	2
A681	MCU	GRASSHOPPERS (M. differentialis) - Differential adult grasshopper and large nymph on ground eating moist soil	2½
A682	MCU	GRASSHOPPERS - Same as Scene 681 moving around on ground	2½
A683	CU	GRASSHOPPER NYMPH (M. differentialis) - Large differential nymph eating base of oat plant - head and part of body shown - side view	2½
A684	CU	GRASSHOPPER NYMPH - Most of same grasshopper shown eating oat plant - side view	3
A685	ECU	GRASSHOPPER NYMPH - Same as above	2
A686	ECU	GRASSHOPPER NYMPH - Same as above	3
A687	ECU	GRASSHOPPER NYMPH - Large differential nymph eating on bark of tree	3
A688	MCU	GRASSHOPPER NYMPH - Single nymph moving on tomato leaf	4
A689	MCU	GRASSHOPPER NYMPH - Large nymph on tomato foliage - side view	5
A690	MCU	GRASSHOPPER NYMPH on tomato leaf	3
A691	MCU	GRASSHOPPER - Single grasshopper eating boxelder leaf - hopper partly shown on under side of leaf	2
A692	MCU	GRASSHOPPER - Single grasshopper eating box-elder leaf - down shot	4
A693	MCU	GRASSHOPPER - Same as above - different angle	3
A694	MCU	GRASSHOPPER on poplar stem - side view - no action	5

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A695	ECU	GRASSHOPPER NYMPH ( <i>M. differentialis</i> ) - Large nymph on ground eating moist soil - side view	2
A696	ECU	GRASSHOPPER NYMPH - Same as in Scene A695 on ground - reaches up and eats base of grass - side view	2
A697	ECU	GRASSHOPPER NYMPH - Same as above	3
A698	CU	GRASSHOPPER ( <i>M. differentialis</i> ) - Adult hopper on ground - side view - no action	3
A699	CU	GRASSHOPPER on young wheat - little action	6
A700	CU	GRASSHOPPER - Same as Scene A699	5½
A701	CU	GRASSHOPPER - Same as Scene A699	9½
A702	MCU	GRASSHOPPERS - Two grasshoppers on wheat - one moving	5½
A703	CU	GRASSHOPPER eating clover	4
A704	CU	GRASSHOPPER - Similar to Scene A703 - no action	8
A705	CU	GRASSHOPPER - Same as in Scene A703 on wheat - side view - very little action - dark BG	10
A706	CU	GRASSHOPPER eating foliage - side view	4½
A707	CU	GRASSHOPPER - Same as Scene A706 - different angle	8
A708	CU	GRASSHOPPER eating corn leaf	10½
A709	CU	GRASSHOPPER eating stem of wheat plant - head and most of body shown - side view	8
A710	CU	GRASSHOPPER - Small adult on corn leaf - little action	3
A711	CU	GRASSHOPPER - Same as A710 - different angle	4
A712	MCU	YELLOW GRASSHOPPER eating portion of damaged corn plant - head shown	4
A713	CU	YELLOW GRASSHOPPER - Same as A712	6
A714	ECU	GRASSHOPPER - Spotted yellow nymph on damaged ear of corn - jumps to back side of ear	2
A715	ECU	GRASSHOPPER - Same as above	3
A716	ECU	GRASSHOPPER - Head-on view	2½
A717	CU	YELLOW GRASSHOPPER in yellow cotton blossom	2
A718	CU	MAGGOT emerging from shell of dead grasshopper on ground	3½
A719	CU	MAGGOT - Same as above - different angle - maggot crawls out of frame	3½
A720	MS	GRASSHOPPER on damaged grain head	4
A721	MS	GRASSHOPPER - Similar to A720 - second hopper appears at base of grain head	7
A722	MS	GRASSHOPPER on damaged young corn plant - side view	5
A723	MS	GRASSHOPPERS - Several hoppers on damaged alfalfa plant - no action	4
A724	MS	GRASSHOPPERS - Same as above - different angle	3½
A725	MS	GRASSHOPPER upside down on damaged alfalfa leaf	6
A726	MC	GRASSHOPPER on damaged alfalfa leaves - back view	5½



Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A727	MCU	GRASSHOPPER upside down on edge of alfalfa leaf - CU of a second hopper's body at top of frame	4
A728	MCU	GRASSHOPPERS - Mass of hoppers moving on bean foliage	5
A729	CU	GRASSHOPPERS - Similar to A728 - different angle - little action	6
A730	MCU	TWO GRASSHOPPERS on bent corn leaf - side view - no action	4 $\frac{1}{2}$
A731	MCU	GRASSHOPPER eating corn leaf	5 $\frac{1}{2}$
A732	MCU	TWO GRASSHOPPERS on bent corn leaf - some action - side view	3
A733	MCU	TWO GRASSHOPPERS - Same as A732 - part of a third hopper appears	5
A734	MS	TWO YELLOW GRASSHOPPERS facing each other on stripped corn leaf - a third hopper crawls up under side of leaf - side view	3 $\frac{1}{2}$
A735	MS	THREE YELLOW GRASSHOPPERS on stripped corn leaf - side view - no action	3 $\frac{1}{2}$
A736	MLS	TWO YELLOW GRASSHOPPERS on stripped corn leaf - side view - no action	4
A737	MS	TWO GRASSHOPPERS on stripped corn - no action	2
A738	MS	GRASSHOPPERS - Mass of hoppers on leaves of corn plant	6
A739	MS	THREE GRASSHOPPERS on stems of wheat in wheat field - side view - slight action	5 $\frac{1}{2}$
A740	MCU	THREE GRASSHOPPERS on leaves of corn plant	5
A741	MS	TWO GRASSHOPPERS on stem and leaves of wheat in wheat field	9
A742	MS	GRASSHOPPER - Single hopper on end of damaged grass blade - side view - no action	3
A743	MS	GRASSHOPPER - Single hopper among grass - slight action	4
A744	LS	GRASSHOPPERS moving along ground in sparse vegetation	8
A745	LS	NYMPHS - Mass of grasshopper nymphs sunning on log	3 $\frac{1}{2}$
A746	MLS	NYMPHS - Same as above - closer	3
A747	LS	NUMEROUS GRASSHOPPERS on alfalfa	4
A748	LS	NUMEROUS GRASSHOPPERS - Same as above	9
A749	LS	NUMEROUS GRASSHOPPERS - Same as above	13
A750	LS	NUMEROUS GRASSHOPPERS - Same as above - different angle	8
A751	LS	NUMEROUS GRASSHOPPERS - Same as above - closer	6
A752	LS	GRASSHOPPERS - Mass of hoppers on ground - slight action	4
A753	LS	GRASSHOPPERS - Similar to above - shows cracks in parched ground	3
A754	LS	GRASSHOPPERS - Same as above	4

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A755	LS	NYMPHS - Ground migration of nymphs in dried vegetation	4
A756	MLS	NYMPHS - Same as above - closer	6
A757	LS	GRASSHOPPERS on sunbaked soil - slight action	5½
A758	LS	GRASSHOPPERS moving on ground	9
A759	MLS	GRASSHOPPERS - Same as A758	7
A760	LS	SEVERAL GRASSHOPPERS on damaged corn	4
A761	MS	SEVERAL GRASSHOPPERS sunning on log - flesh fly near hoppers	1½
A762	CU	GRASSHOPPER NYMPH AND FLESH FLY	2
A763	LS	GRASSHOPPERS among dried range grass	4
A764	LS	GRASSHOPPERS - Same as above	5
A765	LS	GRASSHOPPERS among dried range grass	7
A766	MLS	GRASSHOPPERS among range grass and weeds	6
A767	LS	GRASSHOPPERS - Same as above	6
A768	LS	NYMPHS - Ground migration of grasshopper nymphs	11
A769	MLS	NYMPHS - Same as A768	12
A770	LS	GRASSHOPPERS in range grass	5
A771	MLS	GRASSHOPPERS - Same as A770	6
A772	MS	GRASSHOPPERS - Similar to A771 - two hoppers in FG	4
A773	MS	MIGRATING GRASSHOPPERS flying low over sagebrush range	3
A774	MS	MIGRATING GRASSHOPPERS - Same as A773	2
A775	LS	GRASSHOPPERS flying low over range - trees and buildings in BG	4
A776	LS	GRASSHOPPERS flying low over range - mountain in BG	19
A777	LS	GRASSHOPPERS - Similar to A776 - fence in FG	7
A778	LS	MIGRATING GRASSHOPPERS flying over grass range - down view - mountain in BG	5
A779	LS	MIGRATING GRASSHOPPERS - Same as A778	4
A780	LS	MIGRATING GRASSHOPPERS - Same as A778	2
A781	LS	MIGRATING GRASSHOPPERS in FG flying across range - mountains in BG	11
A782	MLS	MIGRATING GRASSHOPPERS - Down shot	16
A783	LS	MIGRATING GRASSHOPPERS flying low over range - trees and buildings in BG	10½
A784	MS	MIGRATING GRASSHOPPERS flying over grass range - down view - mountain in BG	11
A785	MS	GRASSHOPPER CAGES - Three white grasshopper cages used for checking insecticides in alfalfa field - man emerges from behind first cage, goes to others checking and recording results - sky and trees in BG	23
A786	CU	GRASSHOPPER CAGES - Man inspecting cages and recording results	15
A787	LS	GRASSHOPPER SURVEY - Man walking on range toward camera, swings grasshopper net in front of him - hoppers flying in FG - mountains in BG	16

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A788	MS	GRASSHOPPER SURVEY - Man walking along fence on range - walks toward camera swinging handle of net in front of him, stirring up grasshoppers (numerous) - mountain in BG	22
A789	MCU	GRASSHOPPER SURVEY - Two men examine contents of grasshopper net - men standing in alfalfa field - hay and barn in BG - mountains at side of frame	4
A790	CU	GRASSHOPPER SURVEY - Hand inside of net showing captive grasshoppers	8
A791	MS	DEMONSTRATION - GRASSHOPPER CONTROL - County agent dons gloves to demonstrate insecticide - talks to farmers around him - stacked hay in BG	12½
A792	CU	DEMONSTRATION - GRASSHOPPER CONTROL - County agent talking - head and shoulder shot - stacked hay in BG	6½
A793	MS	DEMONSTRATION - GRASSHOPPER CONTROL - County agent mixing insecticide - farmers in FG - white fence and mountains in BG	6
A794	MS	DEMONSTRATION - GRASSHOPPER CONTROL - Similar to A793 - county agent stands up and talks - measures insecticide in cup - continuation of action above	7
A795	CU	DEMONSTRATION - GRASSHOPPER CONTROL - County agent measures insecticide in cup (different agent than the one in above scenes)	12
A796	MCU	COUNTY AGENT - Up shot showing portion of spray rig as county agent and helper climb up on sprayer - agent pours insecticide into tank	16
A797	CU	COUNTY AGENT talking to farmers - Head and shoulder shot against blue sky	8
A798	MCU	COUNTY AGENT distributes pamphlets to farmers - picks up spray chart and points to it - chart not clear	16
A799	MCU	SPRAY DEMONSTRATION - Group of farmers with county agent - county agent and helper demonstrate spray nozzles	18
A800	MCU	MIXING BAIT - Two men emptying sack of bran into grasshopper bait mixer - sign "Danger Poison" in BG	2
A801	MCU	BRAN - Three men unloading box car and stacking sacks of bran in warehouse - shot through box car	2
A802	MCU	BRAN - Two men taking sacks of bran from hand cart	2
A803	CU	BAIT emerging from bait mixer	2
A804	MCU	MIXING BAIT - Men emptying sacks of bran into bait mixer	3



Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A805	CU	BAIT - Men loading sacks onto small truck	2
A806	MCU	PLANE - Small yellow plane comes toward camera on runway (road) to be filled - man and woman walk toward it with hose from back of truck in FG	11
A807	CU	PLANE being filled with liquid insecticide - side view	10
A808	MCU	PLANE with propeller spinning ready for take-off - side view - white truck in BG	6
A809	LS	SPRAYING - Plane flying high spraying field - mountains in distance	4
A810	MLS	SPRAYING - Plane flying high spraying field - mountains in distance	11
A811	MS	SPRAYING - Plane spraying wheat field - mountains in BG	5
A812	MLS	SPRAYING - Similar to above - wheat prominent in FG	7
A813	MLS	SPRAYING - Plane flying toward camera spraying field of alfalfa - mountains in BG - pan to CU of alfalfa	5½
A814	MCU	SPRAYING - Plane spraying cotton field - goes away from camera	6
A815	MS	SPRAYING - Plane spraying cotton field - comes toward camera	4
A816	MCU	PLANE - Large silver plane approaching bait elevator to be filled	4
A817	CU	PLANE being filled - continuation of action in A816	1½
A818	MCU	BAIT ELEVATOR - Three men emptying bait into bait elevator - pan along elevator to men filling plane	3
A819	LS	BAITING - Plane baiting rough rangeland - shot from high point - pan following plane	2
A820	LS	BAITING - Plane baiting rangeland - comes toward camera - snow-capped mountains in distance	4
A821	LS	BAITING - Plane baiting rangeland - comes toward camera - trees and mountains in distance	5½
A822	LS	BAITING - Same as A821 - plane goes away from camera	5
A823	MS	SPRAYING - Spray rig mounted on truck spraying alfalfa field - goes away from camera - mountains in distance	2
A824	MCU	SPRAYING - Spray rig on truck spraying roadside - comes toward camera	15
A825	CU	SPRAY NOZZLE spraying roadside - goes away from camera - CU to MLS	16
A826	CU	SPRAY NOZZLE - Same as above - pans to CU of roadside	13



Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A827	CU	SPRAY NOZZLE spraying roadside - truck wipes scene as it comes toward camera	9
A828	MS	SPRAYING - Small tractor-drawn spray rig - goes away from camera as farmer with hand-held nozzle sprays roadside and fence row	24
A829	MS	SPRAYING - Same as A828 - reverse angle	6
A830	CU	SPRAYING - Same as A828 - tractor passes camera	10
A831	CU	SPRAY NOZZLE - Spraying - swings toward camera	3
A832	CU	SPRAY NOZZLE - Spraying - swings toward camera and back	2
A833	MS	SPRAYING - Large blower-type spray truck comes to camera spraying roadside - spray not always evident	4
A834	CU	SPRAYING - Blower-type spray truck comes toward camera spraying roadside	9
A835	CU	SPRAYING - Blower and spray nozzle spraying	3
A836	CU	SPRAYING - Same as above - CU to MS	4
A837	CU	GRASS moving as spray hits it	13
A838	MS	SPRAYING - Blower-type spray truck travels along roadside spraying - cars and highway in BG - tilt down to CU of grass as spray hits it	21
A839	MS	SPRAYING - Blower and spray nozzle	23
A840	CU	GRASS moving as spray hits it	14
A841	MCU	SPRAYING - Blower-type spray truck spraying grass - pan with truck - white house in BG	18
A842	MCU	SPRAYING - Boom spray rig on front of tractor spraying cut alfalfa - bales shown - pan with tractor - mountains in BG	13
A843	CU	SPRAY RIG - Bales of cut alfalfa in field - tractor with boom spray rig passes in FG - mountains in BG	7
A844	CU	SPRAY RIG comes toward camera spraying field of grass - pan with tractor as it turns - mountains in BG	4
A845	MCU	BOOM SPRAY RIG - Same as above - different angle	7
A846	MCU	SPRAYING - Boom spray rig on tractor spraying grass in young orchard	5
A847	CU	SPRAYING - Down shot on tomato plants - tilt up and pan with tractor spraying field	20
A848	MS	DUSTING - Tractor comes to camera dusting cotton field - man on tractor	7
A849	MCU	SPRAYING - Boom spray on back of pick-up truck spraying alfalfa field - side view - trees in BG	10½
A850	MCU	SPRAYING - Boom spray rig on tractor spraying grass in young orchard - pan with boom	10
A851	MCU	SPRAYING - Same as above	11
A852	CU	BOOM SPRAY RIG - Tilt up to include truck as it goes from camera spraying	14

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A853	CU	BOOM SPRAY RIG - Tilt up into LS of truck as it goes from camera spraying	9
A854	CU	BAITING - Back of truck - pan as it goes, showing turbine bait spreader baiting - man shovels bait	5
A855	CU	BAITING - Man filling blower-type bait spreader on rear of truck as it goes - pan to CU of grass moving as bait hits it	4
A856	CU	BAITING - Bait emitting from turbine bait spreader - pan as it goes	2
A857	CU	BAIT - Man on truck emptying sack of bait into hopper of bait spreader - pan	5
A858	MS	BAITING - Turbine bait spreader on rear of small truck baiting pasture	3
A859	CU	BAIT - Two men emptying sack of bait into hopper of spreader	2
A860	CU	BAIT - Man emptying sack of bait into blower-type bait spreader - goes away from camera - rear view	4
A861	MCU	SPRAYING - Man mixing spray into a portable spray tank - road and trees in BG	16
A862	CU	HANDS putting on lid of portable spray tank and pumping pressure in tank	16
A863	MS	SPRAYING - Man goes away from camera carrying spray tank and spraying weeds along roadside - trees in BG	10
A864	MCU	SPRAYING - Man walks to camera spraying cabbage plants	6
A865	CU	SPRAYING - Same as above - different angle	6
A866	MCU	HAND-BAITING - Man hand-baiting tobacco field - walks toward camera	15
A867	MS	HAND-BAITING - Similar to above - low angle - tobacco leaves in FG	14
A868	MCU	SPRAYING - Man walks toward camera spraying cabbage plants	8½
A869	MCU	HAND-DUSTING - Woman dusting bean plants - comes toward camera	5
A870	MS	DYING YELLOW GRASSHOPPER on its back on the ground - struggling	8
A871	MS	DEAD GRASSHOPPERS on the ground	6
A872	LS	DEAD GRASSHOPPERS - Same as above	4
A873	MS	DEAD GRASSHOPPERS - Same as above - pan along ground	12
A874	MS	DROWNED NYMPHS on muddy soil	3
A875	MCU	DEAD GRASSHOPPERS and remains on ground	3
A876	MS	DEAD GRASSHOPPER and two dormant hoppers on frozen ground	2
A877	MCU	MINISTER at pulpit addressing group of children in FG - minister wearing business suit - Bible on pulpit	20

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A878	MCU	MINISTER - Same as A877	16
A879	MCU	MINISTER - Same as A877	19
A880	CU	MINISTER talking and gesturing with his hands - Bible shown	22
A881	CU	MINISTER talking - head and shoulder shot	44
A882	CU	MINISTER - Same as above - closer	13
A883	CU	MINISTER - Same as above	13
A884	CU	MINISTER - Same as above	16
A885	CU	MINISTER - Same as above	2
A886	CU	MINISTER - Same as above	6
A887	MS	CHURCH - White Protestant country church - two men sitting on steps and cars parked in front	5
A888	MS	CHURCH - Similar to above - one man standing on steps and one sitting	16 $\frac{1}{2}$
A889	MCU	CHURCH - Similar to Scene A887 - different angle - man sits in car and one walks around cars	17
A890	MCU	CHURCH - Similar to above - a third man appears	13
A891	MCU	CHILDREN sit listening to minister - side view of minister and Bible - parents talk in BG	5
A892	MCU	CHILDREN - Same as above	3
A893	MCU	POOR CATTLE (mostly white-face) moving in corral	6
A894	DV	CATTLE on dry range around drying water hole - hills in BG	5
A895	LS	CATTLE - Same as Scene A894	3
A896	CU	CATTLE being herded by several men on horseback	5
A897	MS	POOR CATTLE crowded in loading pen	2
A898	CU	MEXICAN AND U. S. OFFICIAL consulting over paper - head and shoulder shot - top of corral fence shown - exterior	5
A899	CU	POOR CATTLE being driven into pen - man follows	4
A900	MCU	CATTLE going into pen	2 $\frac{1}{2}$
A901	CU	COTTON - Open bolls on cotton plant	3 $\frac{1}{2}$
A902	CU	COTTON - Same as above - different angle	3 $\frac{1}{2}$
A903	CU	COTTON - Same as above - different angle	6
A904	MCU	COUNTY AGENT posting a notice on bulletin board outside official-looking building - notice of grasshopper control meeting - side view	11
A905	MCU	COUNTY AGENT - Continuation of action above	3
A906	CU	BACK OF COUNTY AGENT posting notice - head and shoulder shot	3
A907	CU	NOTICE reading "Grasshopper control demonstration - May 3, 10:00 a.m. - M. O. Brown farm - See and learn how to kill grasshoppers"	3
A908	CU	COUNTY AGENT posting notice of grasshopper control meeting on bulletin board - side view	13
A909	CU	TWO MEN - Young and middle-aged man against blue sky - side view	6



Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>	<u>Description</u>	<u>Footage</u>
A910	CU FARMER wearing straw hat - forehead in shadow - smiling - against blue sky	2
A911	CU TWO FARMERS talking - head and shoulder shot against blue sky	7
A912	CU MAN in plaid shirt leaning against fence - face in shadow squinting against sun - blue sky and white clouds in BG	4
A913	CU TWO FARMERS wearing straw hats - standing beside fence - faces in shadow	6
A914	CU FARMER wearing straw hat and sun glasses - lights cigarette - blue sky and trees in BG	8
A915	CU YOUNG FARMER leaning against fence post	5
A916	CU FACE OF FARMER - Pleasant type - wears denim cap - pencil behind ear - looking down	1
A917	CU FACE OF YOUNG MAN - Pleasant type - wears red cap - looking down	1/2
A918	CU FACE OF FARMER - Friendly type - wears denim cap with the bill pushed back	1
A919	CU FARMER eating in kitchen - looks up and begins talking - woman walks behind him	7
A920	CU FARMER - Same as A919 - no talking	6 1/2
A921	CU FACE OF MAN - Pleasant-looking - cigarette in mouth - side view	1 1/2
A922	CU FACE OF FARMER wearing straw hat and glasses - side view	1 1/2
A923	MCU TWO MEN - Old and middle-aged man sit on steps reading newspaper and talking - shrubbery at side	11
A924	MCU MAN sitting on stair railing - talks to old man reading a newspaper (exterior)	19
A925	CU OLD MAN - Head on hand, asleep in a car (sitting position)	7
A926	MCU THREE MEN AND A YOUNG COUPLE sitting in church pews (looking at camera)	4
A927	CU MAN - Long face - head and shoulder shot - dark BG	1
A928	CU MAN - Round face - pan to young couple - head and shoulder shot - dark BG	5
A929	CU FOUR CHILDREN sitting in chairs - intent looks - boy scratches his ear	8
A930	MCU GROUP OF CHILDREN sitting in chairs - parents in BG - no action	2
A931	MCU GROUP OF CHILDREN - Same as above	2
A932	CU GROUP OF CHILDREN - Similar to above - boy scratches his ear	8
A933	CU LITTLE GIRL smiling - wears a red dress - other children in BG - sitting	3
A934	CU MAN - Long face - pan past two men, pausing on each, to young couple	14
A935	CU FOUR CHILDREN sitting in chairs - intent looks - boy scratches his ear	8



Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A936	CU	LITTLE GIRL raises and lowers her hand to ask question - repeats action - other children in BG	9
A937	LS	RANGELAND - Wind movement - mountains, blue sky and white clouds in BG	4
A938	MS	GRASSHOPPERS flying against blue sky and white clouds - hoppers not always clear	4
A939	MS	GRASSHOPPERS - Same as above - different cloud formations	8
A940	MCU	BARE TREES silhouetted against dark cloudy sky	8
A941	MCU	BARE TREES - Same as above - different angle	7
A942	MCU	BARE TREES - Same as above - different angle	5
A943	MCU	FARMER getting out of pick-up truck - pan with him as he goes into hardware store	9
A944	MS	TRACTORS AND FARM EQUIPMENT lined up along highway - pan with passing pick-up truck to hardware store - man gets out and enters store	22
A945	MCU	FARMER gets out of pick-up truck - walks toward camera - side view	4
A946	CU	SALESMAN points to shelf of insecticides - farmer stands next to him	4
A947	CU	FARMER greets salesman, who points out shelf of insecticides	18
A948	CU	FARMER AND SALESMAN talking - salesman points out shelf of insecticides	10
A949	LS	COUNTRYSIDE - Scenic shot - barn and farm buildings in BG - tilt down to CU of grass	11
A950	LS	COUNTRYSIDE - Same as above	7
A951	CU	INSECTICIDES - Row of insecticides on laboratory shelf - tilt up to technician preparing for test on live grasshoppers - technician blows insecticide into glass chamber containing clover and grasshoppers	21
A952	CU	INSECTICIDES - Same as above	20
A953	CU	GLASS CHAMBER containing clover and several grasshoppers	4
A954	MCU	TECHNICIAN placing sheet of glass on top of container after sprinkling liquid into it	4
A955	CU	LIQUID hitting and injuring grasshoppers	14
A956	CU	FREIGHT CARS - Shot along moving train of freight cars	3
A957	CU	GATE - Broken-down wooden gate of a wire fence	2
A958	LS	DILAPIDATED HOUSE - Broken-down gate in FG	1½
A959	CU	DILAPIDATED WINDMILL silhouetted against cloudy sky - up shot	1
A960	MCU	ABANDONED RED BRICK STORE	1
A961	MS	DILAPIDATED WINDMILL silhouetted against sky - bare tree in BG	1½

Scenes from USDA Prod. #1075-R - GRASSHOPPERS CAN BE CONTROLLED

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A962	CU	OLD HAND PUMP against sky - wooden pole in front of the handle	1
A963	CU	WOODEN CELLAR DOOR propped open in ground	1
A964	CU	ABANDONED UNPAINTED WOODEN HOUSE - Front view	1
A965	CU	WIRE FENCE down - area grown up with weeds	2
A966	MS	WEEDY AREA - Scrubby trees in BG	4
A967	LS	A FEW GRASSHOPPERS migrating - against sky - sagebrush in FG - mountain in BG	3
A968	CU	GROUND and grasshopper-damaged wheat	4
A969	CU	SPIDER on end of blade of grass	4
A970	MS	SEAGULL on log	1 $\frac{1}{2}$
A971	MS	TURKEY GOBBLER walking on sand	2
A972	LS	SOIL - Expanse of bare soil showing wind erosion - blue sky and clouds in BG	14
A973	LS	SOIL - Same as A972	10
A974	MCU	GRASS ROOTS - Clumps of grass roots standing above wind-eroded soil	6
A975	CU	BARREN GROUND AND CLUMPS OF GRASS	9
A976	CU	CLUMP OF SPARSE GRASS - Tilt up to expanse of wind-eroded soil	12
A977	MS	MAN ON TRACTOR cutting alfalfa - another tractor follows - stacked hay and trees in BG	17
A978	LS	MAN ON TRACTOR - Same as A977	15
A979	MS	COUNTY COURTHOUSE - Farmers enter county courthouse for meeting - trees border frame	4
A980	MS	COUNTY COURTHOUSE - Continuation of action above	8
A981	CU	COUNTY COURTHOUSE - Farmers enter county courthouse for meeting - trees border frame	4
A982	CU	COUNTY COURTHOUSE - Continuation of action above	3

Miscellaneous Scenes - Forest Fires

The following footage was supplied by the Forest Service of the U. S. Department of Agriculture:

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A983	MS	RANGER STATION (log cabin type) on side of mountain - two forest rangers walk to station, one from the right, other from left - man answers telephone on porch - western United States	6
A984	MCU	RANGER STATION - Tilt down mountain to station (same as A983) - one man answers wall-type telephone on porch - other man writes information - western United States	6
A985	CU	RANGER STATION - Same location as A983 - one man talks on telephone - other man writes information - western United States	2
A986	CU	RANGER STATION - Same as A983	6
A986a	CU	RANGER STATION - Same as A983	4
A987	MCU	RANGER STATION - Same as A983 - Man hangs up phone, goes across porch and picks up short-wave radio - other man helps put it into canvas bag - western United States	7
A988	CU	RANGER STATION - Hands put radio into canvas case - continuation of action in A987	4
A989	MLS	RANGER STATION - Same location as A983 - the two rangers pick up fire-fighting equipment, put it on their backs and walk away from cabin (soft focus)	20
A990	LS	RANGERS (2) walk up mountain - to and past camera - western United States	15
A991	CU	RANGERS in A990 continue climb of mountain - go away from camera to LS	14 $\frac{1}{2}$
A992	CU	RANGERS in A990 continue climb - go diagonally across frame away from camera to LS	13
A993	CU	LOOKOUT STATION - up shot against blue sky	4
A994	MS	MARINES sitting on the side of country road - trucks and jeeps in BG - smoke coming from woods	4
A995	MS	MARINES go single-file through brush with fire-fighting hand tools	9
A996	MS	BRUSH FIRE (large) in woods - Marines walk across FG	11
A997	MS	RANGER puts out small fire beside a country road in the woods - horse tied to tree in BG	10
A998	MS	SMALL GRASS FIRE and smoke - down shot - southeastern United States	8
A999	MS	SMALL GRASS FIRE - Same as above - more fire	5
A1000	MS	SMALL GRASS FIRE - Same as above - very small fire in FG	5
A1001	MS	MAN examines soil of burned over area - palmetto plant and trees in BG - southeastern U. S.	6



Miscellaneous Scenes - Forest Fires

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A1002	CU	HAND examines soil of burned over area	6
A1003	ELS	SMOKEJUMPERS coming down on mountain covered with conifer trees - shot from plane - a little jerky - northwestern United States	5
A1004	ELS	SMOKEJUMPERS - Same as A1003	2½
A1005	ELS	AIRPLANE flies over mountain - smokejumpers parachute from plane - pan back to jumpers going down - northwestern United States	3½
A1006	ELS	SMOKEJUMPERS descending - down shot from plane with wing in corner of frame - northwestern United States	4
A1007	ELS	SMOKEJUMPERS descending on rugged mountain covered with conifer - northwestern United States	4
A1008	ELS	SMOKEJUMPERS - Same as A1007 - closer to ground	6
A1009	ELS	THREE SMOKEJUMPERS descending through smoke to rugged mountain - northwestern United States	5
A1010	ELS	SEVERAL SMOKEJUMPERS descending to rugged mountain covered with conifer - northwestern United States	4
A1011	ELS	SEVERAL SMOKEJUMPERS - Same as A1010	3
A1012	ELS	MOUNTAIN SIDE - Shot from plane - parachutes in trees and on ground - northwestern United States	12
A1013	CU	SMOKEJUMPERS parachute from plane - pan to LS - northwestern United States	12
A1014	MS	SMOKEJUMPER descending - hits ground - parachute covers scene - northwestern United States	5
A1015	MS	SMOKEJUMPER descending - hits ground - northwestern United States	2
A1016	LS	SMOKEJUMPER descending - hits brush - northwestern United States	2
A1017	LS	SMOKEJUMPER descending - shot against blue sky - pretty - northwestern United States	1½
A1018	LS	SMOKEJUMPER - Same as above - smokejumper hits brush - northwestern United States	4
A1019	MS	BRUSH FIRE in pine woods - southeastern United States	5
A1020	MS	BRUSH FIRE - Same as above - larger blaze	5
A1021	MS	FIRE in pine woods - burning from ground to top of trees	4
A1022	LS	BURNING BUILDING - Very black smoke fills most of the screen	7
A1023	MLS	BURNING BUILDING - Same as above	5
A1024	CU	BLACK SMOKE from building in A1022 billows against sky - fills most of screen	8
A1025	MS	SMALL BRUSH FIRE close to ground in large timber	7
A1026	MCU	AIRPLANE - single engine - spotting fire - western United States	2
A1027	LS	WHITE SMOKE funnels up from mountain - down shot from plane - western United States	4



Miscellaneous Scenes - Forest Fires

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A1028	LS	SMALL FOREST FIRE in conifer trees - north-western United States	5
A1029	MLS	FOREST FIRE - Yellow flames - night shot	8
A1030	MCU	FOREST FIRE - Same as above	4
A1031	MCU	FOREST FIRE - Same as A1029 - two firefighters walk across FG - night shot	2
A1032	MCU	FOREST FIRE - Same as A1031	8
A1033	MS	RAGING FOREST FIRE - Yellow flames - night shot	13
A1034	MS	RAGING FOREST FIRE - Yellow flames - night shot - slight pan	8
A1035	MS	RAGING FOREST FIRE - Same as A1034	5
A1036	MS	RAGING FOREST FIRE - Same as A1034	18
A1037	CU	FOREST FIRE - Two firefighters walk across FG	5
A1038	MCU	FOREST FIRE - Firefighters making direct attack on fire (digging ditch around fire)	12
A1039	MCU	SMALL FOREST FIRE - Firefighters making direct attack on fire (cutting small trees and shrub near fire)	3
A1040	MCU	FIREFIGHTERS make direct attack on fire, using electric hand saw to cut limbs	10
A1041	MCU	FIREFIGHTERS - Same as A1040	3
A1042	MCU	FIREMEN using hand equipment to make sure the fire is "dead out"	4½
A1043	MCU	FIREMEN - Same as A1042 - different angle	3
A1044	MCU	FIREMEN using hand extinguisher on live coals	2½
A1045	CU	HANDS using pick-ax to stir dirt and debris - stream from extinguisher on hot coals	1½
A1046	CU	FIREMEN - Waist up shot of two firemen working	2½
A1047	CU	FIREMAN using hand extinguisher	2½
A1048	CU	HANDS using pick-ax to stir dirt and brush - stream of water from hand extinguisher being put on brush	3
A1049	CU	STREAM OF WATER from extinguisher putting out small brush fire	5
A1050	MCU	RAGING FOREST FIRE - Pan slightly	5
A1051	MS	SEVERAL FIREMEN building fire line with hand implements	2
A1052	ELS	TOPOGRAPHY - Smoke from burned over mountain - range land in FG	4
A1053	LS	TOPOGRAPHY - Mountains in BG, trees and small scrub brush in FG - white smoke moves across scene	5
A1054	MS	SMALL PICNIC FIRE by stream	5
A1055	MLS	FIRE TRUCK and Forest Service truck come down curving highway - turn off highway to fire in A1054 - mountains in BG, blue sky	22
A1056	MS	EXTINGUISHING FIRE in A1054 - One man uses water hose - other man picks up trash	7
A1057	MS	FOREST RANGER picks up part of paper cup from fire in A1054	6

Miscellaneous Scenes - Forest Fires

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A1058	CU	HANDS hold partially burned paper cup and piece of bread from fire in A1054	2
A1059	LS	TOPOGRAPHY - Billowing gray smoke from mountain in BG - barren range in FG	5
A1060	LS	TOPOGRAPHY - Same as A1059	4
A1061	LS	TOPOGRAPHY - Same as A1059 - trees in FG	6
A1062	ELS	TOPOGRAPHY - Same as A1059 - barren in FG	8
A1063	MS	RAGING FIRE in woods - burned trees and brush in FG	4
A1064	MCU	RAGING FIRE - Same as above	5
A1065	LS	RAGING FIRE on mountain covered with scrub brush - up shot - blaze and smoke against sky - red sun can be seen through smoke	5
A1066	LS	MOUNTAIN covered with scrub brush - small blaze on top with smoke billowing against sky - almost fills frame - tilt up to dark purplish-gray smoke	12
A1067	MS	MOUNTAIN - Same as above - no tilt	3
A1068	MCU	RAGING FIRE in scrub brush	4½
A1069	LS	FOREST FIRE - High flames - in small area on mountain side before it has spread - billowing smoke from fire	11
A1070	MLS	FOREST FIRE - Same as A1069	6
A1071	MLS	WHITE SMOKE from mountain side	5
A1072	LS	SMOKE on mountain side - small flame can be seen in BG	10
A1073	MS	TREE BURNING at base - falls to ground - quick pan - night shot	9
A1074	CU	TREE STUMP BURNING - Same as A1073 - night shot	5
A1075	CU	USDA-FOREST SERVICE TRUCK with firefighting equipment passes in front of camera - after truck passes, a large blaze can be seen for 4 ft.	16
A1076	LS	FIRE - Blaze and smoke billowing up in BG - dusk shot	8
A1077	ELS	HALF MOON - Night shot - black sky	4
A1078	ELS	GROUND FIRE on top of mountain - night shot	4
A1079	LS	WHITE SMOKE fills frame - as it moves, burned scrub brush and low white flames can be seen	5
A1080	LS	WHITE SMOKE - Same as above	5
A1081	CU	BURNED SCRUB BRUSH in FG - white smoke covers entire area - two white flames in BG	6
A1082	LS	BURNED SCRUB BRUSH - Same as A1081 - down shot	4
A1083	LS	BURNED SCRUB BRUSH - Same as A1081	5
A1084	MLS	BLACKISH-YELLOW SMOKE from mountain side - small flames can be seen through smoke - late evening shot	5
A1085	LS	SUN seen through thick blackish-yellow smoke for 3 ft. - quick pan to burning scrub brush - lots of smoke	13

Miscellaneous Scenes - Forest Fires

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A1086	LS	WHITISH-BLUE SMOKE - Funnel shape from dark mountain against blue sky - very little movement	5
A1086a	LS	WHITISH-BLUE SMOKE - Same as A1086 - smoke has a yellow cast against blue sky	6
A1087	LS	TOPOGRAPHY - Barren brown plateau in FG - ridge of dark mountains in BG - white smoke - funnel shape against blue sky	13
A1088	MS	BRUSH FIRE - Very red - burning low on ground - night shot	7
A1089	MCU	BRUSH FIRE - Same as A1088 - shot through wire fence	4
A1090	MS	BLAZING RED FIRE - Night shot	5
A1091	LS	YELLOWISH FIRE on ridge through center of picture - black smoke - late evening shot	5
A1092	LS	YELLOWISH FIRE - Same as A1091 - more fire	7
A1093	MCU	YELLOWISH FIRE - Same as A1091	6
A1094	MS	REDDISH-YELLOW FIRE - Fills most of screen - night shot	4
A1095	ELS	BRUSH FIRE - Firemen pull car away from fire - night shot	5
A1096	MS	GROUND FIRE - Logs and brush burning - white smoke - firemen in FG	10
A1097	MS	GROUND FIRE - Same as A1096	2 $\frac{1}{2}$
A1098	MCU	GROUND FIRE - Same as A1096	2 $\frac{1}{2}$
A1099	MS	SMOKEY BEAR POSTER - "Our Most Shameful Waste" - on burned tree	3
A1100	MCU	FIRE DAMAGE - Down shot - pan across burned over forest floor - tilt up to burned tree with Smokey Bear poster "Our Most Shameful Waste" - continue pan - soil looks ashy and charred	18
A1101	MS	FIRE DAMAGE - Down shot - pan across burned over forest floor to Smokey Bear poster "Our Most Shameful Waste" on burned tree	8
A1102	LS	BURNED OUT FOREST - Pan from right to left to CU forest fire sign "The Blackened Forest is the Result of Carelessness with Fire"	12
A1103	MS	BURNED OUT FOREST - Same as above - pan from left to right	11
A1104	MS	BURNED OVER MOUNTAIN - Pan right to left - ashen soil	9
A1105	MS	BURNED OVER MOUNTAIN - Same as above - different view	8
A1106	LS	BURNED OVER AREA - Down shot - pan from right to left - shows Smokey Bear poster - ashen soil	15
A1107	LS	BURNED OVER AREA - Down shot - pan from right to left - Smokey Bear poster on burned tree - ground covered with ashen soil	38



Miscellaneous Scenes - Agricultural Machinery

The following footage was supplied by the J. I. Case Company:

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A1108	MS	RICE - Combine unloading rice into rice buggy - man wearing khaki clothing walks into picture to combine - pan right to left showing rice field	6
A1109	MLS	RICE - Combine harvesting rice goes from right to left diagonally across frame - large field - blue sky	18
A1110	LS	RYE - Combine harvesting rye on large field - combine comes to camera - blue sky	10
A1111	LS	OATS - Combine harvesting oats comes to CU, almost past camera	12
A1112	LS	OATS - Combine harvesting oats comes to camera to MS diagonally across frame from right to left - quick pan to following movement of equipment	15
A1113	CU	OATS - Combine goes away from camera to LS - fairly large field - blue sky	9
A1114	LS	OATS - Combine comes to CU camera - blue sky	13½
A1115	LS	OATS - Combine in FG goes diagonally away from camera from left to right	14
A1116	LS	OATS - Combine comes to and past camera - large field	18
A1117	LS	OATS - Combine turns corner in field - MCU to camera	10
A1118	MCU	OATS - Combine goes across FG - medium size field - barn and wooded area in BG	7
A1119	MCU	OATS - Combine curves in FG - woods in BG	7
A1120	LS	WHEAT - Combine goes from CU to MS away from camera - medium size field - blue sky	12
A1121	LS	WHEAT - Combine goes from CU to MS diagonally across frame from camera - fairly large field - blue sky	17
A1122	LS	WHEAT - Combine with windrow pick-up comes to camera picking up wheat - corn in extreme left BG and side - blue sky	18
A1123	MS	WHEAT - Same as A1122 - comes closer to camera	10
A1124	CU	WHEAT - Same as A1122	10



Miscellaneous Scenes

<u>Scene No.</u>		<u>Description</u>	<u>Footage</u>
A1125	LS	LARGE COTTON FIELD in blossom - man in first 6 ft., walks out of scene - trees in BG	11
A1126	LS	LARGE COTTON FIELD in blossom - trees and house in extreme BG	11
A1127	ECU	COTTON BLOSSOM (yellow) against green leaves - very pretty	8
A1128	MS	COTTON BOLL - Pink and yellow blossoms - hands in scene	11
A1129	MS	COTTON STALKS loaded with green bolls - hand picks off leaves for 10 ft. - cotton stalk for 5 ft.	15
A1130	MCU	COTTON - Down shot on cotton blossoms and leaves	15
A1131	LS	FARM LAND slightly submarginal - pan right to left across farm - farm buildings and trees in extreme BG	13
A1132	LS	LIMING FIELD	9
A1133	LS	U. S. DEPARTMENT OF AGRICULTURE - Shot from the Washington Monument - shows both South Building and Administration Building	8
A1134	LS	U. S. DEPARTMENT OF AGRICULTURE - Same as A1133	8
A1135	LS	U. S. DEPARTMENT OF AGRICULTURE - Same as A1133	10
A1136	MLS	U. S. DEPARTMENT OF AGRICULTURE - Shot from the Washington Monument - shows all of the Administration Building and a part of the South Building	11
A1137	MLS	U. S. DEPARTMENT OF AGRICULTURE - Shot from the Washington Monument - shows South Building and part of the Administration Building	10
A1138	MS	U. S. DEPARTMENT OF AGRICULTURE - Same as A1137	9

TV Film Package #1210-46 - HYBRID ONIONS

Lip-sync. Leo Geier interviewing Dr. Henry Jones at Beltsville, Maryland, on the latest in hybrid onion development.

Total footage - 186 ft.

Order by full-length package only

1. MS House Office Building - presentation ceremony - new hybrid onion - truck loaded with onions pulls up behind speaker.
2. LS Presentation ceremony.
3. MS Congressman carrying bag of onions.
4. LS Pan greenhouse at Beltsville, Md.
5. MS Interior onion greenhouse, Beltsville, Md. Leo Geier introduces Dr. Henry Jones. Dr. Jones talks about onions.
6. CU Leo Geier samples onion slice to show mildness.
7. MS Dr. Jones shows hybrid onion and parent onion.
8. CU Same as above.
9. MS Dr. Jones lays down onion - picks up another hybrid onion.
10. CU Hybrid onion.
11. MS Dr. Jones displays still another onion.
12. MS Dr. Jones hands Leo Geier a bulb onion.
13. MS Different angle as Dr. Jones and Mr. Geier talk - they move to onion plants.
14. MS Dr. Jones and Mr. Geier at onion plants.
15. CU Onion flower as Dr. Jones points out parts.
16. MS Same as above.
17. CU Dr. Jones at another onion plant.
18. MS Dr. Jones and Mr. Geier turn to many other plants growing in BG - Dr. Jones points out characteristics - they move to another part of greenhouse.
19. MS Dr. Jones and Mr. Geier enter and walk to onion plants covered with fly screen. Dr. Jones picks up fly trap - shows how trap is inserted into screen to allow flies to pollinate plants.
20. CU Fly screen as Dr. Jones ties it to keep flies around plant.
21. MS Mr. Geier thanks Dr. Jones for showing him the hybrid onions.

TV Film Package #1210-47 - AIRCRAFT AND AGRICULTURE

Silent film depicting use of aircraft for insect and forest fire control.

Total footage - 165 ft.

Order by full-length package only

1. MS Couple walking along New England street - turn and point to sky.
2. LS C-47 airplane passes overhead spraying wooded area.
3. CU Gypsy moth caterpillar eating leaves.

4. MS Men in cranberry bog.
5. CU Gypsy moth caterpillar on basswood leaves.
6. MCU Same on willow leaves.
7. MS Defoliated trees.
8. LS C-47 being loaded with spray.
9. MCU Spray jets under wing of C-47.
10. MCU Dead caterpillars on forest floor.
11. ECU Grasshopper.
12. MS Grasshoppers on ground.
13. MCU Grasshopper eating leaf.
14. ECU Same as above.
15. MS Farmer walking through defoliated grain field.
16. CU Farmer's hand reaches to ground and picks up several heads of grain.
17. MS Single-engine airplane taxiing off.
18. MS Same passes overhead.
19. LS Same making spray run over field.
20. CU Dying grasshopper.
21. CU Smoldering and smoking log.
22. MS Burning woods.
23. MS Firefighters trudging up trail.
24. MS Same as above - reverse angle.
25. MS Raging fire - two firefighters walk into view.
26. MLS Ford trimotor airplane taking off.
27. MLS Trimotor airplane in flight.
28. CU Smokejumpers prepare to jump out - interior.
29. ELS Down view fire burning.
30. MS Smokejumpers bailing out drift down.
31. LS Smokejumpers landing in woods.
32. MS Smokejumper dangling from tree.
33. MS Up view Ford trimotor plane passes over woods dropping supplies.
34. MS Smokejumpers retrieve supplies.
35. MS Smokejumpers putting out fire.

TV Film Package #1210-48 - HEALTHY STRAWBERRIES

Sound-on film showing USDA Agricultural Research scientists studying diseases and finding ways of developing better strawberries. Film also shows machine developed by the University of Maryland for commercial treatment of strawberry plants infested with nematodes.

Total footage - 195 ft.

Order by full-length package only

1. CU Healthy strawberry plant.
2. ECU Strawberries on plants.
3. MS Scientist in greenhouse looking at strawberry plants - picks one up.
4. MCU Scientist with plant.
5. MS Scientist puts down plant and walks to another part of greenhouse.
6. MS Scientist approaches flat of growing strawberries.

7. MS Pan - flat of strawberries to scientist who picks up two plants.
8. CU Scientist holding plants - one healthy, the other showing virus effects.
9. MLS Scientist puts down plants - then pan to another scientist working.
10. MS Scientist preparing to graft virus and healthy plants together.
11. CU Scientist slits runner with razor blade.
12. MCU Scientist joins runners.
13. CU Same - as graft is made.
14. MS Line of four plants - one healthy, three diseased - tilt down to plants grafted.
15. MS Scientist looking into hot-box where plants are given heat treatment to control virus.
16. MCU Same as above - scientist then closes door, turns to camera.
17. CU Scientist picks up two plants that have been heat-treated - one is dead.
18. CU Magnified still shot of aphid, the virus transmitter.
19. ECU Head of aphid showing long proboscis.
20. MS Interior - scientist at microscope.
21. CU Same as above - adjusts microscope.
22. MCU Scientist holding strawberry roots - one plant shows nematode damage.
23. CU Same as above.
24. CU Damaged roots.
25. MLS Interior machine shop - two scientists preparing strawberry plants for heat treatment.
26. CU Scientist packing plants in wire basket.
27. CU Basket of plants goes into tank of water for pre-heating.
28. MCU Same as above - another scientist removes basket - pans as it is put into heat treatment machine.
29. CU Heat treating machine in operation - one basket of plants starts treatment cycle while another completes it.
30. CU Basket of plants slides into treating tank.
31. CU Healthy strawberry hanging on plant.

TV Film Package #1210-49 - THE MAGIC CHICKEN

Sound-on film showing the latest in chicken research at the USDA Agricultural Research Center, Beltsville, Md.

Total footage - 181 ft.

Order by full-length package only

1. CU Dressed chicken - chicken is turned to show meaty breast and thick plump drumstick.
2. CU Two chickens held in hand.
3. MLS Housewife feeding chickens.
4. MCU Same.
5. MS Interior - Dr. C. W. Knox, Poultry Geneticist, at incubator inspecting eggs.



6. MCU Same - Dr. Knox removes tray of eggs - CU as tray is removed.
7. MS Dr. Knox closes door and walks out of frame.
8. MS Reverse angle as Dr. Knox walks in and hands tray of eggs to assistant who will sort them - Dr. Knox then turns and walks to another incubator.
9. CU Chicks in incubator - Dr. Knox removes tray.
10. MS Dr. Knox carries tray of chicks to sorting table.
11. MCU Dr. Knox picks up two differently colored chicks.
12. CU Chicks - male chicks are white, females are reddish (mother hen is Silver Cornish - rooster is New Hampshire Red).
13. MCU Dr. Knox picks up two other chicks - these chicks are still basically either white or red, although both are spotted.
14. MCU Dr. Knox picks up neutral colored chicken, showing dark wing feathers indicating female.
15. MS New Hampshire male.
16. MS Silver Cornish female (combination of Hampshire male and Cornish female produces chicks with sex color difference).
17. MS Silver Cornish male - New Hampshire female (combination Cornish male and New Hampshire female produces all white chicks).
18. MS All white Beltsville broilers.
19. CU Dressed New Hampshire chicken breast is measured and drumstick size is pointed out - pan to dressed Cornish where same action is repeated - then pan to Beltsville broiler and same action (shot shows improvement in breeds).
20. MS Live Beltsville broiler.

TV Film Package #1210-50 - BEEF CATTLE PERFORMANCE TESTING

Sound-on film showing research being conducted by USDA at Front Royal, Virginia, on improvement of beef cattle.

Total footage - 230 ft.

Order by full-length package only

1. LS Hereford cattle being driven to water.
2. MS Cattle near pond - pan rolling countryside at Front Royal, Va.
3. CU Sign "Beef Cattle Research Station" - zoom out and pan to grazing cattle - zoom in to MS of cattle.
4. MS Pan - Angus bulls in pen.
5. MS Hereford bull.
6. MS Shorthorn bull (one of the original herd).
7. MS Hereford bull (original herd).
8. MS Angus bull (original herd).
9. MLS Angus cows and calves follow feed truck.
10. MCU Hereford calf.
11. MS Man holding new-born calf in field - pan to jeep as it drives up - jeep is especially equipped to make complete record of new-born calf.

12. MCU Mother cow watching.
13. MS Calf is weighed.
14. CU Calf is tagged and tattooed on ear.
15. MS Calf is placed in measuring pen on jeep.
16. MS Calf is measured.
17. MS Interior barn - bull is fed.
18. MS Interior - bull is led from stall to scales.
19. MS Door to scales is closed - pan to scales.
20. CU Weight being recorded.
21. MS Shorthorn bulls are herded into pens (exterior).
22. MS Hereford heifers in feeding lots.
23. CU Angus heifer in feeding lot.
24. MS Interior office where data is recorded - woman seated at desk is keeping record - research scientist walks in and hands her information on new calves.
25. CU Record data in ledger.
26. MCU Horseman rides through Hereford herd.

TV Film Package #1210-51 - RESEARCH FOR BETTER LIVING

Sound-on film featuring Secretary Ezra T. Benson and outlining how research has improved food to the benefit of all.

Total footage - 131 ft.

Order by full-length package only

1. MCU Secretary Benson speaking.
2. MS Same.
3. MCU Same.
4. MS Same.
5. CU USDA booklet titled "More and Better Foods from Today's Pay Check."
6. MS Secretary Benson speaking.



